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An Essay
on
Cynanche Parotidea.

submitted as
An Inaugural Thesis
To the Examination of
John M.c Dowell L.L.D. Provost
The
Trustees and Medical Professors
of the
University of Pennsylvania
for
The Degree of Doctor of Medicine
By
Paul Hamilton of Charleston S.C:

1809.

The Essay
on
Cyanogen. Paraciden.
submitted as
An Inaugural Thesis
to the Commissioners of
John M. Darnell L.L.D. President
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Trustees and Medical Professors
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University of Pennsylvania
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The Degree of Doctor of Medicine
by
Saul Thomson of Chatterton N.C.
1869.

An Essay &c.

Cynanche Parotidea called in common language Mumps, is among the most ancient diseases that infest the human race:- Hippocrates himself makes mention of it. nevertheless few Authors have treated of it with the accuracy which its occasional ravages would seem to demand:- even the accurate Cullen has passed by this Malady as insignificant.

Cynanche Parotidea is often an epidemical pestilence, sometimes endemical, never intercurrent and seldom sporadic: It mostly attacks persons between the years of puberty and adult age

and rarely ever after Forty, yet Doctor Hamilton in a paper published in the transactions of the Royal Society of Edinburgh mentions this circumstance as having occurred — Young Children according to Dr. Cullen are not liable to it, all Authors are unanimous in declaring this disease contagious, and Dr. Hamilton never knew it to be contracted twice by the same person, however this incidence has taken place both in my own person, and others with whom I am acquainted — Dr. Hamilton saw the Mumps epidemical twice in the City of Lynn, and they (I believe) have prevailed all over the United States, yet have never been known to

occur but in Spring and Autumn. - I believe the remote cause of Cynanche Parotidea to be a specific contagion, I found this belief on the circumstance of its occurring in all situations and places - I have heard of its prevailing as well in the Mountainous parts of South Carolina, North Carolina, and Tennessee as in the lower lands of the same States; indeed if the assertion of many from whom I have derived intelligence be true, this complaint has been no where restricted by situation or soil in America. I cannot possibly believe that any modi=fication of Marsh Measmata acting as a remote cause on the constitution of Man is adequate to the

production of Mumps, not even if the invisible and insensible qualities of the air with the difference of diet be taken into consideration, however if the temperature of the Seasons previous to the prevalence of this disease as an epidemic had been noticed, it would give great correctness to our views on this Subject. —

The premonitory signs of this disease are lassitude, heaviness and general restlessness succeeded by slight Fever & rigors, swelling of one or both parotid Glands with stiffness & obtuse pain attend on every movement of the lower jaw — The treatment should be rest, low diet laxatives and vomits with an Opiate at Night;

but if it has proceeded for several days the tu=
=mor in the Glands extends to the neighbouring
parts, the fever becomes high, the pulse is hard
and tense, deglutition is difficult, the countenance
florid and the tumor is sometimes of a natural
colour, but often of a dusky erysipelatous appearance,
& on the fourth day after the commencement of the
tumefaction a discharge from the emunctories behind
the ears occurs with tendency to sweat. It is remark=
=able that in common cases very little pain attends
at this time - If on the fourth day a sudden
subsidence of the tumor in the Glands takes place,
an apprehension may be immediately entertained of
the morbid excitement being translated, if in Men to
the Testes - in women to the breasts - However should

the diseases wear over the sixth day without this occurrence no danger need be apprehended - The case will terminate favourably - Remedies - First. I concur with Dr. Rush in recommending blood-letting in this disease in every instance where in the pulse is above par, or in other words indicates it; notwithstanding what has been said against it. Dr. Hamilton objects to bleeding in positive terms and gives as a reason the case of a patient in whom frantic delirium was induced by it in his own practice: but this to my Mind is not a sufficient objection, because the Disease in all probability was suffocated in that case - & a single bleeding only served to unlock the Blood-vessels whereas a second or third venesection would

have produced a Cure — Second — Drs Cullen, Rush Gooch & Hamilton all concur in prescribing vomits. When the Symptoms run high they should never be administered till after previous depletion by the lancet. Third. Cathartics are of use in certain cases, but should never be of the drastic kind according to Doctr Hamilton. — Fourth. Blisters, claim great ~~expectability~~ attention in the Cure of Mumps, indeed if we reflect how useful they are, in all Glandular disorders, it would not be surprising if they were here, first resorted to — Experience, however proves them too irritating not only in this disease, but in all others where the symptoms are of a very high grade. Venesection should precede them — Issues have been

thought to be indicated by the aforementioned dis=
=charge from the emunctories, but I fear their irri=
=tation would overbalance any possible good they
could effect — Fifth: Sudorifics are advised by
all Authors and their administration is certainly
attended with happy consequences — Nature
indeed points them out from about the third to
the sixth Day, by a general tendency to perspi=
=ration which prevails with those affected with this
disease — Sixth: The parotid Gland should be kept
warm by means of a Flannel bandage confined
around the head & Jaws. —

It is worthy of remark that the parotid Glands

in this Disease have never been known to ulcer-
-ate, but they often remain indurated even for
Weeks after a cessation of the complaint in every
other respect — In case of translated tumefaction
in Cynanche Parotidea to the Testicles, I would
advise immediate Blood-letting, if the pulse
indicated it, and Blisters over the Parotid Gland.
to persons so situated fomentations have been
recommended, but they are dangerous as the mor-
-bid excitement is often shifted thereby to the Brain,
inducing frantic delirium and convulsions, yet
if by such means these symptoms were to occur
my first remedy would be Blood-letting — and —

second Blisters both to the parotid glands and testicles, meaning thereby to repel the morbid action. When a translation of the tumefaction which Mumps occasions takes place in Women, it is reasonable to expect from a parallel of circumstances the ovaria will be effected, but this has never been known to happen, the Mamma always becoming swelled. Cynanche parotidea sometimes produces the most horrid effects on Men by destroying the Testicles. Drs Hamilton and Cooch relate at length several instances wherein this accident obtained, - The Testicles became completely absorbed and nothing remained but the Scrotum - Instances of this kind are not awanting in America, ~~[illegible]~~

an illustrious american general ~~Washington~~ is said to have intimated a susception of injury in this way.— How much then should a disease of this kind be attended to, since the greatest pleasures that pertain to human nature might be so quickly absorb=ed, and that too in a disease so easily re=mediable —

Finis.